



WO 2004/061357

PCT/NL2004/000002

16

5. Adjustable foot according to Claim 4, wherein the external diameter of the first adjustable part is at most 1.9 times the diameter of the matching internal and external screw thread.

5 6. Adjustable foot according to one of the preceding claims 4-5, wherein the external diameter of the first adjustable part is at most 1.6 times the diameter of the matching internal and external screw thread.

7. Adjustable foot according to one of the preceding claims 4-6, wherein the axial height of the internal screw thread is in the range of 16 - 25 mm.

10 8. Adjustable foot according to one of the preceding claims, wherein the adjustable foot further comprises a cap with a diameter greater than that of the internal screw thread and/or greater than the diameter of the washer.

9. Adjustable foot for setting up equipment in alignment, comprising:

- o an annular element provided with an axial bore with internal screw thread;
- o a shaft element provided with external screw thread matching the internal screw thread,
- 15 which shaft element, when screwed into the bore, can be adjusted in the axial direction with respect to the annular element by turning with respect to the annular element;
- o a support part, provided on the annular element or shaft element, and a washer, wherein the washer and the support part are each provided with a convex respectively concave surface having essentially the same radius of curvature, such that the angle of the
- 20 washer can be adjusted with respect to the support part;

characterised in that

the adjustable foot furthermore comprises a cap with a diameter greater than the diameter of the internal screw thread and/or greater than the diameter of the washer.

25 10. Adjustable foot according to Claim 4 or 9, wherein the diameter of the cap is at least 10 %, in particular at least 25 %, greater than the diameter of the internal screw thread and the diameter of the washer, respectively.

11. Adjustable foot according to one of the preceding claims, wherein the internal diameter of the cap is greater than the largest of the external diameters of the other parts of the adjustable foot, in particular is approximately 0.5 to 2 % greater than said largest of the

30 external diameters of the other parts.

12. Adjustable foot according to one of Claim 11, wherein the cap contains a space, delimited by the cap, which has an axial height that is greater than or equal to the

WO 2004/061357

PCT/NL2004/000002

17

maximum axial length by which the shaft element can protrude from the annular element, or at least is intended to protrude at the maximum above the annular element.

13. Adjustable foot according to Claim 12, wherein the cap extends downwards from the washer below the bottom outer peripheral edge of the washer, preferably extends at least approximately 5 to 10 mm below said bottom outer peripheral edge.

14. Adjustable foot according to Claim 12 or 13, wherein the axial height of the interior space is at most equal to the axial height of the unit formed by the annular element, shaft element and washer when the internal and external screw thread are completely screwed into one another, preferably is less than or equal to 95 % to 99 % of said maximum height.

15. Adjustable foot according to one of the preceding claims, wherein the top of the shaft element comprises the support part.

16. Adjustable foot according to Claim 15, wherein the support part is located completely within a contour determined by the diameter of the external screw thread.

17. Adjustable foot according to Claim 16, wherein the support part is at least partially, preferably completely, sunken in a zone of the shaft element that is surrounded by the external screw thread.

18. Adjustable foot according to one of the preceding claims, wherein, viewed in the axial direction, the height of the second adjustable part is less than or equal to the height of the first adjustable part and wherein, viewed in the radial direction, the dimensions of the second adjustable part are completely within the contour determined by the external screw thread.

19. Adjustable foot according to one of the preceding claims, wherein the external diameter of the washer is at most equal to the external diameter of the second adjustable part.

20. Adjustable foot according to one of the preceding claims, wherein the support part has a concave surface and the washer a convex surface.

21. Adjustable foot according to one of the preceding claims, wherein the shaft element and the washer are provided with an axial opening for an anchor bolt.

22. Adjustable foot according to one of the preceding claims, wherein the axial opening through the washer has a diameter that is approximately 32 to 48 % larger than the diameter of the axial opening through the shaft element.

WO 2004/061357

PCT/NL2004/000002

18

23. Adjustable foot according to one of the preceding claims, wherein the axial length of the shaft element is equal to or less than the axial height of the annular element and wherein the shaft element is provided with external screw thread along its entire axial length and/or the internal screw thread of the axial bore extends over the entire axial height of the annular element.

24. Combination of an adjustable foot according to one of the preceding claims, a substructure, equipment set up in alignment on said substructure, and an anchor bolt, wherein the equipment is anchored to the substructure by means of the anchor bolt, with the adjustable foot between them.

25. Combination according to Claim 24, wherein a bottom surface of the annular element rests on the substructure and wherein the equipment is in contact with the washer or with the cap which, in turn, is in contact with the washer.